



ARIZONA DEPARTMENT OF TRANSPORTATION

INTERMODAL TRANSPORTATION DIVISION
ENGINEERING CONSULTANTS SECTION
205 South 17th Avenue - Room 293E, Mail Drop 616E
Phoenix, Arizona 85007



FIFE SYMINGTON
Governor

LARRY S. BONINE
Director

May 8, 1997

THOMAS G. SCHMITT
State Engineer

Engineering Consultants Section INFORMATION BULLETIN 97-08

TO: Consultants

FROM: Engineering Consultants Section *RLB*

SUBJECT: Professional Engineers Sealing of Bridge Drawings

The enclosed Bridge Advisory 97-1 is provided to advise consultants of the required responsibilities and procedures for Professional Engineers to seal ADOT bridge drawings. If you have any questions please contact Dan Davis at 602-255-7481.



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Director

ARIZONA DEPARTMENT OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
Bridge Group
205 South 17th Avenue, Room 269, MD 613E, Phoenix, Arizona 85007-3212



THOMAS G. SCHMITT
State Engineer

F. DANIEL DAVIS
State Bridge Engineer

April 17, 1997

BRIDGE ADVISORY 97-1

TO: ALL BRIDGE DESIGNERS

FROM: F. DANIEL DAVIS
State Bridge Engineer *FDD*

SUBJECT: P.E. Sealing of Bridge Drawings

Bridge Group has reorganized to encompass the "cradle to grave" approach to bridge design, contract document preparation and bridge building. Professional engineers are assigned specific bridge projects and are given the responsibility to lead the bridge design team from the preliminary study phase through the plan and document preparation and finally to participate in the post design construction liaison. The assigned engineer is expected to seal all the bridge drawings for the structure with the exception of the foundation data drawings prepared under the direction of the geotechnical engineer.

For large bridges with multiple designers or for projects with multiple bridges, a bridge project engineer will be assigned who may seal all the structure drawings prepared under his or her direct supervision. If the principal design engineer has been replaced, the newly assigned design engineer may seal all the drawings or the bridge design supervisor may seal the drawings prepared by more than one engineer.

Consultant designed structure drawing preparation will follow the same procedure outlined above. If sub-consultants design portions of a structure, they may be listed as the designer but the principal structure consultant must seal all the structure drawings. We would expect this engineer to also be responsible for post design services. Project managers should be aware of this when preparing scopes of work and when selecting consultants. For bridges with unique features or requiring highly specialized expertise, the drawings prepared by more than one engineer may be sealed separately with the approval of the State Bridge Engineer.

It is felt that this practice is consistent with the Board of Technical Registration rules and is consistent with good engineering practice in that one professional engineer is identified as being responsible and accountable for the design of an engineered product that is not divisible when put into service.